

What is claimed is:

1. A roller, used in plate glass manufacturing apparatus  
235 for processing softened glass discharged from a melting  
furnace to flow down in belt-like shape into plate glass  
by hardening in its flow, for pinching and feeding the  
belt-like softened glass or for pinching and guiding the  
plate glass, comprising:  
240 a shaft longer than a full width of the glass, and  
two pinching portions disposed on the shaft and made  
of a heat resistant material,  
wherein each pinching portion is located on a position for  
pinching a respective side end portion of the glass.  
245
2. A roller according to Claim 1, wherein each of the  
pinching portions includes a plurality of discs made of  
a heat-resistant material and laminated to one another.
- 250 3. A roller according to Claim 1, wherein each of the  
pinching portions is a molding body made of a heat-resistant  
material.
4. A roller, used in plate glass manufacturing apparatus  
255 for processing softened glass discharged from a melting  
furnace to flow down in belt-like shape into plate glass  
by hardening in its flow, for pinching and feeding the

belt-like softened glass or for pinching and guiding the plate glass, comprising:

260           a pair of roller pieces each having a short shaft and  
            a pinching portion made of a heat resistant material  
            and disposed on one end side of the short shaft,  
            wherein the pair of roller pieces are located so that the  
            pinching portions of the roller pieces pinch a respective  
265           side end portions of the glass.

5.           A roller according to Claim 4, wherein each of the  
            pinching portions includes a plurality of discs made of  
            a heat-resistant material and laminated to one another.

270

6.           A roller according to Claim 4, wherein each of the pinching  
            portions is a molding body made of a heat-resistant material.

7.           A plate glass manufacturing apparatus, for processing  
275           softened glass discharged from a melting furnace to flow  
            down in belt-like shape into plate glass by hardening in  
            its flow, the glass is fed or guided by a roller in the  
            apparatus,

            wherein the roller comprises a shaft longer than a full  
280           width of the glass, and two pinching portions disposed  
            on the shaft and made of a heat resistant material each  
            located on a position for pinching a respective side end  
            portion of the glass.

8.           A plate glass manufacturing apparatus, for processing  
285           softened glass discharged from a melting furnace to flow  
             down in belt-like shape into plate glass by hardening in  
             its flow, the glass is fed or guided by a roller in the  
             apparatus,

             wherein the roller comprises a pair of roller pieces  
290           each having a short shaft and a pinching portion made of  
             a heat resistant material and disposed on one end side of  
             the short shaft, and

             the pair of roller pieces are located so that the pinching  
             portions of the roller pieces pinch a respective side end  
295           portions of the glass.